

Known Kinase motifs detected in P100 peptides	Motif
ATM kinase substrate motif	pSQ
b-Adrenergic Receptor kinase substrate motif	[E/D][pS/pT]XXX
Calmodulin-dependent protein kinase II substrate motif	RXXpS
Calmodulin-dependent protein kinase IV substrate motif	[M/I/L/V/F/Y]XRXX[pS/pT]
Cdc2 kinase substrate motif	[pS/pT]PX[R/K]
CDK kinase substrate motif	pSPX[R/K]X
CDK1, 2, 4, 6 kinase substrate motif	[pS/pT]PX[R/K]
Chk1 kinase substrate motif	[M/I/L/V]X[R/K]XX[pS/pT]
CLK1 kinase substrate motif	RXX[pS/pT]XXR
DMPK1, 2 kinase substrate motif	RXX[pS/pT][L/V]R
DNA dependent Protein kinase substrate motif	P[pS/pT]X
Dual specificity protein phosphatase 1 substrate motif	pTEY
ERK1 Kinase substrate motif	pTEpY
ERK1, 2 kinase substrate motif	PX[pS/pT]PP
ERK1, ERK2 Kinase substrate motif	pSP
G protein-coupled receptor kinase 1 substrate motif	X[pS/pT]XXX[A/P/S/T]
Growth associated histone H1 kinase substrate motif	[pS/pT]PX[R/K]
GSK3, Erk1, Erk2 and CDK5 kinase motif	PXpTP
GSK-3, ERK1, ERK2, CDK5 substrate motif	XXpSP
MAPKAPK2 kinase substrate motif	pSXXX[pS/pT]
PAK2 kinase substrate motif	[R/K][R/X]X[pS/pT]
PKA kinase substrate motif	[pS/pT]X[R/K]
PKC epsilon kinase substrate motif	R[K/E/R]XpS
PKC kinase substrate motif	[pS/pT]X[R/K]
Plk1 kinase substrate motif	[E/D]X[pS/pT][I/L/V/M]X[E/D]
Pyruvate dehydrogenase kinase substrate motif	XpSXXDXX
ZIP kinase substrate motif	RRXXpS